

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings is a replacement sheet for the sheet containing Fig. 6. The sheet includes replacement Fig. 6, which adds reference numerals 105 and 106. Support for the replacement Fig. 6 is found in the specification in the paragraphs beginning at page 10, line 26, page 11, line 23, page 12, line 1, page 13, line 4, and page 13, line 14.

Attachment: Replacement Sheet containing Fig. 6.

REMARKS

In response to the Office Action dated April 28, 2009, the specification has been amended to add the reference numeral 105 for the disclosed data bus, and add the reference numeral 106 for the disclosed secondary processor. The paragraph beginning at page 13, line 4 has been amended to clarify the method disclosed and illustrated in Fig. 3. Similarly, the paragraph beginning at page 13, line 14 has been amended to clarify the method disclosed and illustrated in Fig. 4. The amendments to the specification should obviate the rejection of the claims noted in paragraph 4 of the Office Action. The Claims in the Application are 1 – 5, 7 – 14, and 16 – 23.

The attached sheet of drawings is a replacement sheet for the sheet containing Fig. 6. The sheet includes replacement Fig. 6 which adds reference numerals 105 and 106. Although the data bus 105 and the secondary processor 106 were clearly described in the specification, reference numerals were not originally assigned. The drawings now show every feature of the invention specified in the claims. The amendments to the specification combined with the attached replacement sheet should obviate the objection to the drawings noted in paragraph 2 of the Office Action.

As would be obvious to a person of ordinary skill in the art by reading the specification, drawings, and claims, the secondary processor 106 performs the functions of the first data processing apparatus, the second processing apparatus, and the vehicle path estimation apparatus. The person of ordinary skill in the art would easily appreciate that the embodiments described and illustrated in the specification, use a single secondary processor to act as the first data processing apparatus, the second processing apparatus, and as the vehicle path estimation apparatus. The amendments to the paragraphs beginning at page 13, line 4, and at page 13, line 14 clarify the steps in the first and second methods, respectively, by more clearly specifying that the secondary processor 106 acts as the vehicle path estimation apparatus, the first data processing apparatus, and the second processing apparatus, as required and disclosed in the claims.

Fig. 6 has been amended to more clearly show the disclosed secondary processor 106, which is the vehicle path estimation apparatus, the first data processing apparatus, and the second processing apparatus. Further, because the secondary processor 106 performs the function of the vehicle path estimation apparatus, the first data processing apparatus, and the second processing apparatus, the person of ordinary skill in the art can easily build, implement, or perform the invention by providing the secondary processor 106 described in the specification. The application therefore meets the enablement requirement of 35 U.S.C. 112, and the Examiner's rejection of the claims under 35 U.S.C. 112 should now be obviated.

Claims 1-5, 7-14, and 16-23 have been rejected under 35 U.S.C. §102(b) as being anticipated by EP 0890470 A2, to Sawamoto et al. (hereinafter "Sawamoto").

A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.

Verdegaal Bros. v Union Oil Co. of California, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987). The identical invention must be shown in as complete detail as is contained in the claim. *Richardson v Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989). The elements must be arranged as required by the Applicants' claim. *In re Bond*, 15 USPQ2d 1566 (Fed. Cir. 1990).

Claim 1 is drawn to a target vehicle position sensing apparatus for a host vehicle comprising, among other features, a first data processing apparatus configured to *predict* a target lane in which a host vehicle will be located when it has traveled along a projected path by a distance to the target vehicle.

The Examiner states that Sawamoto discloses a target vehicle sensing apparatus comprising a first data processing apparatus configured to predict a target lane (referring to Sawamoto at the Abstract of Disclosure and Figs. 3 and 4) in which the host vehicle will be located when it has traveled along the projected path by a distance to a target vehicle (also referring to Sawamoto at col. 9, lines 14-44 et. seq., Fig. 7). The Examiner argues with particularity that Sawamoto discloses a processor 62 that clearly predicts the position of a host vehicle in a future path (referring to Sawamoto at col. 9, lines 46 to col. 10, line 11), wherein the processor 62 "predicts" the future path

of the host vehicle relative to a target vehicle when the host vehicle has traveled a distance between the host vehicle and the target vehicle (also referring to Sawamoto at col. 9, line 51 and col. 10, lines 5-11) (see the section 2 on pages 2 and 3 of the Office Action dated July 21, 2008).

Contrary to the Examiner's statements above, Sawamoto does not disclose a data processing apparatus that *predicts* the future path of the host vehicle relative to a target vehicle when the host vehicle has traveled a distance between the host vehicle and the target vehicle, as recited in Claim 1. Instead, Sawamoto discloses a lane change detector that detects whether a lane change is *currently occurring* (see Sawamoto at col. 6, lines 5 to 9).

The description of the function of the lane change detector appears between column 6, line 29 to column 7, line 12. This portion of the description cites a number of alternatives for the detection of lane changes. Each of these has in common the fact that they detect whether a lane change is currently occurring. The first option is a measurement of the rate of yaw (col. 6, lines 37 to 51). Sawamoto discloses: "when the yaw rate sensor ... generates a detected signal in excess of the threshold level, the CPU 55 determines that its own vehicle is making a lane change, and issues a lane change signal to the processor 6." Note the use of the word "is" in the present tense. The same section also applies to the steering angle; if it is over a threshold, then the CPU 55 determines the vehicle is making a lane change.

The next option calculates a history of movement of the host vehicle. Sawamoto says: "if a lateral displacement corresponding to a lane change occurs in the calculating history of movement, then the CPU 55 determines that its own vehicle is making a lane change, and issues a lane change signal to the processor 6" (col. 6, lines 54 to 58). Again, this is to determine whether a lane change is currently occurring. Similarly, where positional information from the navigation system 55 is used (col. 7, lines 1 to 3) the CPU 55 can determine that the host vehicle is making a lane change. The CPU 55 can also determine that its own vehicle is making a lane change based on the operation of a direction of the host

vehicle (col. 7, lines 4 to 6). Column 7, lines 9 to 12, states that the CPU 55 determines that the host vehicle is making a lane change from the identified white marking line, the yaw aid or the steering wheel of the host vehicle. All of these features have in common the fact they work out whether the vehicle is currently making a lane change.

Accordingly, the CPU 55 in Sawamoto is not carrying out a prediction. It is required in claim 1 that the first data processing apparatus predict the target lane. "Predict" is defined in The Oxford English Dictionary (see The Oxford English Dictionary, reprinted 1970, page 1261, vol. VIII, Oxford University Press, Oxford, Great Britain) (a copy of the relevant page submitted in an Information Disclosure Statement filed November 27, 2006) as "to say beforehand, foretell..." Page 1261 is attached hereto as Attachment 3. Accordingly, to predict something is to say beforehand what that something will be in the future. In Applicants' claims, the term "prediction" is qualified by the term "when it has traveled along the projected path by the distance to the target object." This is requiring that the prediction be of the location of the host vehicle when it has traveled along the projected path by the relevant distance. It is not that the prediction is carried out when the host vehicle has traveled along the projected path but that the prediction is of the location where the host vehicle will be (in the future), once it has traveled along the projected path. The Examiner's interpretation of the "when" clause is clearly not what is envisaged by the claim when interpreted in light of the specification (see MPEP §2111.01) (see the section 4 on page 4 of the Office Action dated August 14, 2006). The claims therefore require that the prediction is carried out at a first instance to determine where the host vehicle will be when it has traveled the appropriate distance. This is quite clearly not carried out in Sawamoto.

In Sawamoto, the processor 6 determines whether a lane change is being carried out based on the signal from the lane change detector 5 as discussed above (col. 7, lines 13, 16, 17 and 19 to 25). If the lane change is happening, then the processor 6 moves the estimated path for its own vehicle in an appropriate direction one lane width (col. 7, lines 26 to 28, col. 8, lines 40 to 44). The processor therefore

assumes that the host vehicle will travel in this new lane until another lane change is detected. There is no prediction of the target lane at the distance to the target vehicle.

The Examiner cites column 9, lines 16 to 41 of Sawamoto as showing that Sawamoto discloses a processor for predicting a target lane based on the distance to the vehicle (see the section 6 on page 5 of the Office Action dated August 14, 2006). Respectfully, however, this is incorrect. The following analysis of the cited section of Sawamoto demonstrates that this section does not disclose what the Examiner claims it does. Column 9, lines 16 to 28, describes Figs. 6A and 6B. A host vehicle Z is shown, traveling along a predicted path K1. Note that K1 is not a distance; column 9, lines 25 to 26, states that K1 is an estimated path for the vehicle Z in the present lane. Therefore, it is clear that K1 is not a distance to the target vehicle. The path K1 is inherently in the direction of the proceeding vehicle P because the proceeding vehicle P is ahead of the host vehicle Z in the same lane. Note how there is no disclosure of the distance to the target vehicle P in this section with respect to the definition of path K1 (Col. 9, lines 29 to 32); K1 is independent of this distance.

Column 9, lines 33 to 41, discusses what happens when it is determined that a lane change is currently occurring. The estimated path K1 is moved by the lane width W one lane to the right. As column 9, lines 36 to 38 states, this results in tentative path K2 in the new lane. Thus, the path K2 will always be in the lane to the right or left of the vehicle once a lane change currently in occurrence is detected. There can be no prediction of a target lane at some future point, given that the path K2 will always be one lane to the right or to the left of the host vehicle; the tentative path is generated such that it is always one lane to the left or the right. This tentative path is generated as of the change of lane. It is not a prediction of lane changes that will happen in anything other than the immediate future whilst the current lane change is occurring.

It is also to be noted that it is only after the tentative path is generated that it is determined whether a vehicle Q is in the new path (col. 9, lines 38 to 41). There

is no detection of the distance of the new front vehicle Q in the determination of the tentative path K2. The two predictive paths K1 and K2 are therefore independent of the distance to the target vehicles P and Q. There is nothing in the section cited by the Examiner to state that the prediction is of the target lane in which the host vehicle will be once it has traveled the distance to the target vehicle, instead, the system assumes that the vehicle is either traveling in the same lane or is imminently moving one lane to the left or to the right. There is no prediction of a target lane of anything other than the currently-occurring maneuver.

Sawamoto determines whether the host vehicle is changing lanes based on the lane change detector discussed above. As Applicants have discussed, this determines the host vehicle is currently changing lanes. It does *not*, however, extend this prediction to the lane in which the host vehicle will be in at the required distance. Sawamoto does determine a future path for the vehicle. However, there is no comparison of this to a target lane.

The Examiner cites column 7, lines 29 to 54 as showing a prediction of a target lane for a host vehicle (see the section 6 on page 6 of the Office Action dated August 14, 2006). Column 7, lines 29 to 37 discloses that the processor plots a future path for its own vehicle estimated from vehicle speed and steering angle or yaw rate of the host vehicle. This is therefore a future path for the vehicle. There is no disclosure of comparing this to a target lane. Column 7, lines 38 to 46, adds to this a history of movement of the host vehicle. This adds nothing to the calculation of the future path of the vehicle and again there is no comparison of the future paths to a target lane. Finally, column 7, lines 47 to 54 discusses the detection of a preceding vehicle on the estimated path. There is no disclosure in this section of any comparison of the future path to a target lane.

Accordingly, Applicants' assertion that Sawamoto does not predict which lane the host vehicle will be in at the required distance still holds valid and the section cited by the Examiner does not disclose any detection of what lane the vehicle will be in after the vehicle has traveled that distance. Furthermore, Applicants' remarks

are no way in contradiction. Sawamoto, as discussed above, determines whether a lane change is currently occurring based on the output of a steering rate sensor. This is therefore a consideration of what is currently occurring. Applicants use a yaw sensor in their invention for the prediction of the future path of the vehicle. There is therefore no contradiction in arguments that Sawamoto uses the yaw sensor to determine whether a lane change is currently occurring and the use of a yaw sensor in the present application to determine what lane the vehicle will be in at a defined future point.

The Examiner's analysis of the claims is incorrect. The limitations of the claim in dispute are the first and second data processing apparatus. According to claim 1, the first data processing apparatus is configured to predict a target lane in which the host vehicle will be located when it has travelled along the projected path by the distance to the target vehicle.

Sawamoto may predict a future path for the host vehicle (see col. 7, lines 29 to 37). It also may determine the relative position of a target vehicle in front of the host vehicle (same paragraph), which will include the distance from the host vehicle to the target vehicle. However, claim 1 requires that a target lane be determined by the first data processing apparatus.

The target lane is a prediction of the lane in which the host vehicle will be when it has travelled the distance. This means that at any given instance, the first data processing apparatus will predict in which lane the host vehicle will be at some future time, when it has travelled the given distance from where it is at the given instance. This lane is the target lane.

It is noted that the Examiner argues that the path projection for the host vehicle extends further than the distance to the target vehicle, and so the processor would be predicting the path of the vehicle at the distance to the target vehicle (see the section 2 on page 3 of the Office Action dated July 21, 2008). However, this is not that which is claimed. The claims require that there is a prediction of a target lane at a distance, not simply a prediction of the path the vehicle is taking. The Examiner relies on Sawamoto at column 9, line 46 to column 10, line 11 to support his argument.

This portion of Sawamoto states "[the] positions of the vehicles are plotted in an absolute position system at successive times." Thus, the host vehicle Z knows its own position and that of two target vehicles P and Q. These are plotted at successive instances; no predictions are being made at this point.

This portion of Sawamoto continues, "When the [host] vehicle Z makes a lane change, the processor may determine a preceding vehicle on a historical map representing such plotted positions of the vehicles Z, P, Q. The processor may estimate a future path for the [host] vehicle Z based upon a history of movement of the front [target] vehicles P, Q." So, in this step, the processor works out which vehicle is on the projected path, and also generates a predicted path for the host vehicle. Note that there is no prediction of a target lane, only a prediction of a path which appears to be independent of lanes.

This portion of Sawamoto continues, "When making a lane change, the driver may temporarily interrupt the pursuit vehicle control mode, and may subsequently resume the pursuit mode by operating a resume switch".

This therefore teaches that the following of the target vehicle by the host vehicle can be de- and re-activated, and so appears irrelevant to the novelty of the claims.

This portion of Sawamoto continues, "Alternatively, when a lane change is made, the processor may automatically interrupt the pursuit vehicle control mode, and subsequently resume the pursuit vehicle control mode when the driver operate [sic] the resume switch." This, again, relates to controlling whether the host vehicle follows the target vehicle, and so appears irrelevant to the novelty of the claims.

This portion of Sawamoto continues, "The vehicle control system according to the illustrated embodiment estimates a future path for its own vehicle and uses the estimated future part to determine a preceding vehicle." This again repeats the fact that the system predicts a path for its vehicle, but there is still no disclosure of determining a target lane as claimed.

This portion of Sawamoto continues, "However, the vehicle control system may be arranged to estimate a future lane for its own vehicle and use the estimated lane to

determine a preceding vehicle." This is the closest Sawamoto comes to being relevant to the claimed invention. A prediction of a target lane is made, and the target lane is used to determine the next vehicle ahead of the host vehicle in that lane. However, Sawamoto is silent as to how this is achieved. As indicated above, the identical invention must be shown in as complete detail as is contained in the claim, *Richardson v Suzuki Motor Co.*, 9 USPQ2d 1913, 1920 (Fed. Cir. 1989), and there is no such detail in Sawamoto. There is no disclosure of the fact that the target lane should be predicted by predicting the lane in which the host vehicle will be when it has travelled the distance to the target vehicle. It is not, therefore, a target lane as defined by the claim, as it does not represent a prediction of the lane in which the host vehicle will be when it has travelled the distance to the target vehicle.

When working out the target lane, the device of Sawamoto makes no consideration of the distance from the host vehicle to the target vehicle. The processor of Sawamoto can issue a lane change signal, which means that a lane change is currently happening. This is described in the first paragraph of column 8, which discusses that "the processor decides whether its own vehicle is making a lane change." Note how this is a determination of whether a lane change is currently happening.

Similarly, the lane change signal is generated, according to column 6, lines 43 to 46, based upon the yaw rate or steering angle of the host vehicle. The lane change signal, which is the only basis on which the processor of Sawamoto could be said to be doing any prediction of a target lane, thus has no dependency on the distance of the host vehicle to a target vehicle, and so Sawamoto is not predicting a target lane in which the host vehicle will be located when the host vehicle has travelled along the projected path by the distance to the host vehicle. Sawamoto does not therefore disclose the first data processing apparatus claimed.

Notwithstanding the above, with respect to the second processing apparatus claimed, the first data processing apparatus is required by claim 1 to compare the position of the target vehicle with the position of the target lane.

The device of Sawamoto does determine the position of the target vehicle. However, there is no comparison of that position with that of the target lane (that is, the lane in which the host vehicle will be when it has travelled down the projected path by the distance to the target vehicle).

The Examiner relies upon column 7, lines 38 et seq. as showing this feature; this merely describes that the processor plots the position of the target vehicle relative to the host vehicle and the projected path for the host vehicle. Column 9, lines 43 et seq. are also relied upon by the Examiner. Sawamoto describes the processor as determining a future lane for the vehicle. However, this is not a prediction of the target lane as required by the present claims, because it is not a prediction of the target lane in which the vehicle will be when it has travelled the distance to the target vehicle. Therefore, there is no comparison as required by the claims, and so Sawamoto does not disclose the second data processing apparatus claimed.

Given that two elements required by the claims are absent from the teaching of Sawamoto, the rejection of the claims under 35 U.S.C. §102(b) is clearly inappropriate.

Accordingly, the Examiner has not shown that Applicants' argument that Sawamoto does not disclose the first data processing apparatus configured to predict a target lane in which the host vehicle will be located when it has traveled along the projected path by the distance to the target object is incorrect and in fact Applicants' arguments still hold good. Sawamoto does not disclose the first data processing apparatus as claimed and so cannot be used to show that the claims lack novelty under 35 U.S.C. §102.

If an independent claim is allowable, then any claim depending therefrom is allowable. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988). Claims 2-5, 7-14 and 17-19 depend from claim 1 and should be allowable for at least the same reasons as claim 1.

In view of the above remarks, Applicants have shown that the drawings show every feature of the invention specified in the claims, that the application meets the enablement requirement of 35 U.S.C. 112. Further, the claims are in proper form for

allowance, and the invention, as defined in the claims herein, is neither disclosed nor suggested by the references of record. A Notice of Allowance is respectfully requested.

Respectfully submitted,

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dicat-, ppl. stem of *predicare* to PREDICATE + *-ŭRE*]

dicat, ppl. stem of *predicere* to PREDICATE + *VERB*.
 Predication, public declaration.
'vex' Defor. East. York (Surtees) 62 For as much as the
 Barons of the Exchequer . have in their predicature made
 a doubt whether the Parliament be dissolved or not; it is
 declared that the Parliament is dissolved.
Pre-dicatory: see *PRED* B. D.
 † *Predict*, *v.* Obs. rare-1. [*ad. L. predictum*,
 that which is foretold, prediction; cf. *F. prédit*
 (obs. form *prédicé*).] A prediction.
12600 Shaks. Sonn. xiv. Nor can I fortune to brooke
 mynistrall's. Pointing to each his thunder, mine and winds.
De say with Princes if it shal goe wel By o're predict that I
in heuen finde.

The copula *Ligatur* is the ascription of something of nature to a subject.

Example: *Genius est 172r*. (*est*, *copula*) A predication in *cursus rectus* consists of two elements, and therefore is used properly in predications which are in no manner the same, as Genius and animal, *Genius est animal*. 1609. Nombres Chiffre: R/8r; 1610. The Predicate is said of the whole Subject according to the rule of the 1st of its Predication, as name JAC. NELLE. HAN. 1611. The Verb is called Predication, as a name for the combination of the subject, 'subject', 'predicate', and 'copula'. 1613. The Verb is called, 'subject', 'predicate', and 'copula'. 1614. The most generally received form of predication definitely is that it consists in referring something to a class, i.e., either placing an individual under a class, or placing one class under another class. 1609. Nombres Chiffre: Gram. (189g) 1. The Verb is the part of speech which signifies predication; that is, is affirming or denying something. Legend' v. res This rule, is evidently founded upon the doctrine that all predication is classification.

Therefore the term *Predicamentum*.

CK F. *prédire* 'to foretell, foresee, presage, divine, prophesy' (Cotgr. 1611), in *prédire*, 'to foretell, to prophesy, to tell of a thing before it come to passe' (Florio 1598), where neither has *prédire* as an English word, though both *prédire* and *prédiction* in explaining the corresponding word. *Prédiction* ppl., adj. was in much earlier use; burlesq. v. is not in Shakespeare even in Pope; it occurs once in Milton. In dictionaries it appears in Bailey 1721.¹¹

+ *L. trans.* To mention previously in a discourse or document. *Obs; rare.* ... (1845; 1899; see PARADISE 1.)

2. To forecast, prophesy, announce beforehand (an event, etc.). With simple obj. or obj. clause.

[1695; see *Forecast* 2d.] 1695 Milton *P. R.*, iii, 356 Prediction will suppress means, Without means used, what it predicts revokes. 1695 *Conway, Intel. Syst.*, i, iv, 465 We saw all those things done, and accomplished by the means which were long before predicted to be by the means of 1695 C. Neese *Antichrist and prophecy*, viii, 30, much by predicting future things, by prophesying, the evdangling gospel. 1697 *John, St. Gregory*, iv, (1848) 24. Thus, thou shalt predict what shall certainly come to pass. 1832 *John, St. Gregory*, iv, (1848) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793,

8; *intr.* 'To utter prediction; to prophesy.
1866. GAULF. *Magnanimus* 306 The devil can both
predict and make predictors. 1803 EVERTON DI AGROU
1803. *Desert* I. 335 The necromantic instruments, pre-
dicted to the company with such a relation to their circum-
stances, as filled every one with the utmost astonishment.
1823. *Misc. Cæcævis Lett.* (1823) II. 205 No one can predict
as to the length of her life.

Predictable (mɪˈrɪkəbəl), n. 1. PREDICTOR v. + ABLE Capable of being predicted or forecasted. **→ BUCKLE UP!** 1. Every generation dominates some events to be regular and predictable, which the preceding generation had declared to be irregular and unpredictable. **→** BBC *Times* (N.Y.) 3 Oct. The limit of predictable weather changes varies from two to four days.

1868. *Bain Moral & Mater. Sc. Ev.* pt. 63. (1875) and 'The higher the coarseness, the predictability of the agent, the higher the excellence attained. 1880 A. H. Hume *Book I*, v. 229 Booklet., proves the predictability of human actions and desires.

Predicted, *fol. tr.* [*f. L. predictus*, ps, pppl, of *prædictus* (see *Prædictor* v.)] + *ad* 17. *tr.*
f. L. Before mentioned, foregoing. *Obs.*
1546 R. H. Gild Palmer, Ludlow, in Eng. Gilds (1820) 198
The Salaries, Stipends, or Fees of the predicted persons.
1559 A. M. tr. Gualtherius de BE. Physike 2710 We must use
 his predicted or fore rehearsed distilled water.

2. Prophesied; foretold, appointed beforehand.
1663 COCKERMAN, *Foristold*, Foristold. 1800 DIXON, *Fyldox*
prophet. *Philos.* "A house, a basil, and wall'd Thee place pre-
dicted. *Mod.* At the predicted hour the eclipse took place."
Prediction: (*pridliksən*), *ph.* *fed.* I. *pred-*
iction-em a saying before, premising, prediction,
a. of action f. *predicere* to *prædicere*. Cf. F. *pre-*
diction (16th c.).

x1. The action of predicting or foretelling future events; also, an instance of this prophetic power.
x687. FOMER (*vile*) Antiprognosticon; "that is to say, unctious against the name and unprovable Predictions of the Astrologians, as Nostradamus etc." translated out of Latin. -- 1579-80 North Plutarch G595. x200 ARAULI made no account of their prediction. x268 BACON *Sir Francis* (*Arb.*) v. Dreams and Prediction of Astrologic Nature Page 156 & Page v. (1593) p. 6 He was born at

beholden according to the Predictions of the Prophet
Micah. 1869 MACULAY Hist. Eng. v. I. 572 The prince,
predicted that Antistemiⁿ would raise some difficulty;
the prediction proved correct. 1865 Nat. Rev. Dec. 430 An
author who evidently identifies prophecy with prediction:

+ B. Applied to a portent or omen. Obs. rare.
1607 SHAKS. Appl. C. n. t. 28 'Kee Caesar shall go forth: for
these Predictions Are to the world in generall, as to Caesar;

+ 2. A statement made beforehand. Obs. rare:
1607 SHAKS. Appl. C. n. t. 28 'Kee Caesar shall go forth: for
these Predictions Are to the world in generall, as to Caesar;

W. Tawitw in *Brunei's Life* (vol. II) p. 8; I hope it will not be said that you can accuse his predictions as erroneous; who never belied his word with you.
Hence + Prediction v. Obs. notice-wd. trans.

ATTACHMENT 3

= **PREDICION**, *v.* + **PREDICTIONAL**, *a.* **Obr.**, of, pertaining to, or of the nature of prediction. — *A 1661 Fuller Worthies, Oxford* (1660) II., 339. Franciscus is properly to intend the contrast between Scholars and Scholars, which were observed predictionally as if their animosities were the index of the Volume of the Land. — 1665 Northwold Comment Two Tracts (Chaucer Soc.) so What the deep Southwold prediction'd before in fact, he now calls for in earnest.

+ **PREDICTIOUS**, *a.* **Obr. rare**—1. [fr. **PREDICTION**; see 1009.] Giving predictions; prophetic; portentous; ominous.

[Predictive (prɪ'dɪktɪv), a. had late 17. *predictive* foretelling, prognosticating, 1. *predictive*: see EPHEMER v. and -IVE.] Having the character or quality of predicting; indicative of the future. 1656 PLANCHON *Croix* ff. 130 There is scarce an action which is not clearly predictive of our Saviour. 1797 COOPER *Orbis* v. 223 Birds numerous flatter in the beams of day. 1834 ALL predictive. 1839 A. W. LIVING *Woods's R. R.* 1839 30 That blessed and swift bird first preaches the word of life. 1840 *Woods's R. R.* 30 Using the word prophecy is inadequate sense.

B. Applied to the future tense when it simply asserts, without any admixture of will or obligation, some *unavoidable* fact. *Will* (§§ VIII, 250 & 251) covers this application. It required to be distinguished into two species — 1. The simply predictive future; a. The dominative future. *I shall have done* (§89). b. The operative future. *I shall be there*. — means simply that the speaker will be present. The promissive future. *I will be there*, means that he intends being so. Hence *Predictively adv.*, in a predictive manner

or, form, by way of predication; **Predictiveword**,
also **Dixons Old C.** *Scrip. xxii*. It was Miss Edwards
who did that, I know, said Miss Monasters predictively;
1908 C. Stanton's Synch. Christ vi. Anticipating the day
in which we live; and predictively speaking of Christians
alone. A 1909 A. B. DAVISON *Old Test. Prob.* xiii (1908)
and wherein does their predictiveness consist?
'Predictor' (*pri'dik'tar*). "Also -w, fa med.
predictor, agent-n. from **predicere**; see **PREDICT v.**
and -'ou-]. One who (or that which) predicts or
foretells."

1785. *Hazlett's Lexicon*, III. xxvii. 224. "Predictor, one who foreteller of things to come. xviii. (see *Expositor*, v. 3). 1798. *Swiss Death-Predictor*. Wts. 1755 II. 1. 156. Whether Bihata not been the cause of this poor man's death, as well as the predictor. 1859. F. P. Brown. *Centr. Afr. II. 15. Fri.* 1869. *Nor. xxix. 1.* 240. The Mngana is also a predictor and soothsayer. 1883. *Faithful G. 7*. Nov. 10. Official predictor of the weather in the United States. 1905. *Contemp. Rev.* Apr. 345. The barometrist, as a predictor, is deceptive in his use of the bar of use.

Predictory (prĭd'ĭk'torĭ), *a.* [*F.* *Predictor*; see -ORY"] Of or pertaining to a predictor; having the quality of predicting, predictive.

1652 GAULD *Magistrate*. 18 They are... deceived, as well as deceiving, in their preaching, of predatory suggestions. 1653 DULLER *in Critique*. London (1664) p. 257 Nicholas [Comptroller of his People] at his Court-name their given him as predatory of those Victims he afterwards got. 1647 *Traveller* (Middleton). 1202 I shall seem to ask... any predatory Information from such senseless Masters. 1649 *Practical Mag.* 22.11. 128 Arguments against the possibility of predatory power.

Prodigest (prɪdʒɪst, -dʒɪ-, v. [L. *prodigium* + *di-* + *gest* v.; cf. late L. *prodigustus* that has been digested; *frangere* To digest beforehand; (with

what, 1663, cf. *Dinger v. B*): *spec. to treat* (food), before its introduction into the body, by a process similar to digestion, in order to render it easily digestible. Also *fig.* Hence *Fridgeate*, *pp. a* 1663 Boyle: *Use for Nat. Philos.* a. App. 23, little inferior, to the Sidr and Spirit of predigested Blood. 1690 *Chem. Dict.*, *Prudigere*, to digest more or less completely by artificial means before introduction into the body. 1808 *Walm. Gloss* 6 May 24: Shakespeare. . . . is grappled with

Predigestion (pridzhe'styan, -dz-). [L. Prae-
A. 2 + DIGESTION; so F. *prédigestion*.]
+ 1. Premature or over-hasty digestion. *Obs.*

1607-11 Bacon *Ess.* *Dispatch* (Arb) *as* Affected dispatch.
is like that which the Phisicians call, pro-digestion, or
hasty digestion, which is sure to fill the body full of
crudities, and secret seeds of disease. 1690. F. MANNING.
Poemum (1703) *as* Seeming-Wise, whose hasty Veil betrays

2. Digestion (of food) by artificial means before introduction into the stomach.

After a time the danger of predigestion should be very gradually lessened. *See Ind. V. 62B* Milk cannot safely be submitted for any great length of time to predigestion.

|| **Predikant**. (*predikant*). Also **predicant**. [Du.: see **PREDICANT**]. A minister of the Dutch

Protestant church, esp. in South Africa.
1833 Breckon Trav. Holland, etc. 15 On the one side,
was placed the minister (the protagonist), 1849 R. MORAT
in Daily News 24 Feb. (1900) 61 They have a measure of

religious knowledge pulled from the Bible and their minister
 Sukkanya, 1880. Kinze Ekechiyo. *Alwa's Wife* 66. You
 father, the Pricidian always warned me against tricking
 north. 1993. *Achenkuni* 25 Feb. 234/2. The first of a series